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What is claim is:

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- 1. Use of a pharmaceutical composition consisting of fluvastatin or pitavastatin or a pharmaceutically acceptable salt thereof and a pharmaceutically acceptable carrier for the preparation of a medicament for the prevention or treatment of metabolic syndrome.
- 2. Use of a pharmaceutical composition according to claim 1 for the prevention or treatment of metabolic syndrome.
- 3.Use according to anyone of claims 1-2 wherein the metabolic syndrome is associated with resistance to insulin-mediated glucose uptake, glucose intolerance, hyperinsulemia, increased LDL-cholesterol, increased VLDL and triglycerides, decreased HDL-cholesterol, increased plasminogen activator inhibitor-1 (PAI-1) levels and hypertension.
- 4. Use according to anyone of claims 1-2 wherein the metabolic syndrome is characterized by three or more of the following criteria:
 - 1. Abdominal obesity: waist circumference >102 cm in men and >88 cm in women
 - 2. Hypertriglyceridemia: ≥150 mg/dl (1.695 mmol/l)
 - 3. Low HDL cholesterol: <40 mg/dl (1.036 mmol/l) in men and <50 mg/dl (1.295 mmol/l) in women
 - 4. High blood pressure: ≥130/85 mmHg
 - 5. High fasting glucose: ≥110 mg/dl (≥6.1 mmol/l).
- 5. Use according to anyone of claims 1-2 wherein the metabolic syndrome is characterized by diabetes, impaired glucose tolerance, impaired fasting glucose, or insulin resistance plus two or more of the following abnormalities:
 - 1 High blood pressure: ≥160/90 mmHg
 - Hyperlipidemia: triglyceride concentration ≥150 mg/dl (1.695 mmol/l) and/or HDL cholesterol <35 mg/dl (0.9 mmol/l) in men and <39 mg/dl (1.0 mmol/l) in women
 - 3 Central obesity: waist-to-hip ratio of >0.90 in men or >0.85 in women and/or BMI >30 kg/m2

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- 4 Microalbuminuria: urinary albumin excretion rate ≥20 μg/min or an albuminto-creatinine ratio ≥20 mg/g.
- 6. Use according to anyone of claims 1-2 wherein the metabolic syndrome is characterized by three or more of the following criteria: triglycerides >150 mg/dl, systolic blood pressure (BP) ≥130 mm Hg or diastolic BP ≥85 mm Hg or on antihypertensive treatment, high-density lipoprotein cholesterol <40 mg/dl, fasting blood sugar (FBS) >110 mg/dl, and a BMI >28.8 k/m2.
- 7. A pharmaceutical composition for the prevention or treatment of metabolic syndrome consisting of fluvastatin or pitavastatin or a pharmaceutically acceptable salt thereof and a pharmaceutically acceptable carrier.
- 8. Pharmaceutical composition according to claim 7 wherein the metabolic syndrome is associated with resistance to insulin-mediated glucose uptake, glucose intolerance, hyperinsulemia, increased LDL-cholesterol, increased VLDL and triglycerides, decreased HDL-cholesterol, increased plasminogen activator inhibitor-1 (PAI-1) levels and hypertension.
- 9. Pharmaceutical composition according to claim 7 wherein the metabolic syndrome is characterized by three or more of the following criteria:
 - 1. Abdominal obesity: waist circumference >102 cm in men and >88 cm in women
 - 2. Hypertriglyceridemia: ≥150 mg/dl (1.695 mmol/l)
 - Low HDL cholesterol: <40 mg/dl (1.036 mmol/l) in men and <50 mg/dl 3. (1.295 mmol/l) in women
 - High blood pressure: ≥130/85 mmHg 4.
 - 5. High fasting glucose: ≥110 mg/dl (≥6.1 mmol/l).
- 10. Pharmaceutical composition according to claim 7 wherein the metabolic syndrome is characterized by diabetes, impaired glucose tolerance, impaired fasting glucose, or insulin resistance plus two or more of the following abnormalities:
 - High blood pressure: ≥160/90 mmHg

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- Hyperlipidemia: triglyceride concentration ≥150 mg/dl (1.695 mmol/l) and/or HDL cholesterol <35 mg/dl (0.9 mmol/l) in men and <39 mg/dl (1.0 mmol/l) in women
- 3 Central obesity: waist-to-hip ratio of >0.90 in men or >0.85 in women and/or BMI >30 kg/m2
- 4 Microalbuminuria: urinary albumin excretion rate ≥20 μg/min or an albuminto-creatinine ratio ≥20 mg/g.
- 11. Pharmaceutical composition according to claim 7 wherein the metabolic syndrome is characterized by three or more of the following criteria: triglycerides >150 mg/dl, systolic blood pressure (BP) ≥130 mm Hg or diastolic BP ≥85 mm Hg or on antihypertensive treatment, high-density lipoprotein cholesterol <40 mg/dl, fasting blood sugar (FBS) >110 mg/dl, and a BMI >28.8 k/m2.
- 12. A method for the prevention or treatment of metabolic syndrome comprising in administering a pharmaceutical composition to the patient, wherein the pharmaceutical composition consists of fluvastatin or pitavastatin or a pharmaceutically acceptable salt thereof and a pharmaceutically acceptable carrier.
- 13. Method according to claim 12 wherein the metabolic syndrome is associated with resistance to insulin-mediated glucose uptake, glucose intolerance, hyperinsulemia, increased LDL-cholesterol, increased VLDL and triglycerides, decreased HDL-cholesterol, increased plasminogen activator inhibitor-1 (PAI-1) levels and hypertension.
- 14. Method according to claim 12 wherein the metabolic syndrome is characterized by three or more of the following criteria:
 - 1. Abdominal obesity: waist circumference >102 cm in men and >88 cm in women
 - 2. Hypertriglyceridemia: ≥150 mg/dl (1.695 mmol/l)
 - 3. Low HDL cholesterol: <40 mg/dl (1.036 mmol/l) in men and <50 mg/dl (1.295 mmol/l) in women
 - 4. High blood pressure: ≥130/85 mmHg
 - 5. High fasting glucose: ≥110 mg/dl (≥6.1 mmol/l).

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- 15. Method according to claim 12 wherein the metabolic syndrome is characterized by diabetes, impaired glucose tolerance, impaired fasting glucose, or insulin resistance plus two or more of the following abnormalities:
 - 1 High blood pressure: ≥160/90 mmHg
 - Hyperlipidemia: triglyceride concentration ≥150 mg/dl (1.695 mmol/l) and/or HDL cholesterol <35 mg/dl (0.9 mmol/l) in men and <39 mg/dl (1.0 mmol/l) in women
 - 3 Central obesity: waist-to-hip ratio of >0.90 in men or >0.85 in women and/or BMI >30 kg/m2
 - 4 Microalbuminuria: urinary albumin excretion rate ≥20 μg/min or an albuminto-creatinine ratio ≥20 mg/g.
- 16. Method according to claim 12 wherein the metabolic syndrome is characterized by three or more of the following criteria:

triglycerides >150 mg/dl, systolic blood pressure (BP) ≥130 mm Hg or diastolic BP ≥85 mm Hg or on antihypertensive treatment, high-density lipoprotein cholesterol <40 mg/dl, fasting blood sugar (FBS) >110 mg/dl, and a BMI >28.8 k/m2.